

Title (en)

Conductor configuration for magnetoresistive transducers.

Title (de)

Anordnung der Leitern für magnetoresistive Wandler.

Title (fr)

Configuration des conducteurs pour transducteurs magnétorésistifs.

Publication

**EP 0573148 A2 19931208 (EN)**

Application

**EP 93303524 A 19930506**

Priority

US 89439392 A 19920605

Abstract (en)

In a dual stripe magnetoresistive transducer a unique conductor configuration is provided that allows close spacing of the two magnetoresistive stripes while providing a nearly identical topography for each of the stripes. A first conductor is arranged on a transducer substrate with an associated magnetoresistive stripe oriented directly above the conductor. A second magnetoresistive stripe is arranged above the first stripe. The second MR stripe, in turn, has an associated conductor oriented above it such that the two stripes may be brought close together, separated only by a thin dielectric layer. <IMAGE>

IPC 1-7

**G11B 5/39**

IPC 8 full level

**G01D 5/245** (2006.01); **G01R 33/09** (2006.01); **G11B 5/39** (2006.01); **H10N 50/10** (2023.01)

CPC (source: EP US)

**G11B 5/3903** (2013.01 - EP US); **G11B 5/3954** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0573148 A2 19931208**; **EP 0573148 A3 19940615**; **EP 0573148 B1 19980318**; DE 69317467 D1 19980423; DE 69317467 T2 19980709; JP H0661546 A 19940304; US 5270892 A 19931214

DOCDB simple family (application)

**EP 93303524 A 19930506**; DE 69317467 T 19930506; JP 13599293 A 19930607; US 89439392 A 19920605